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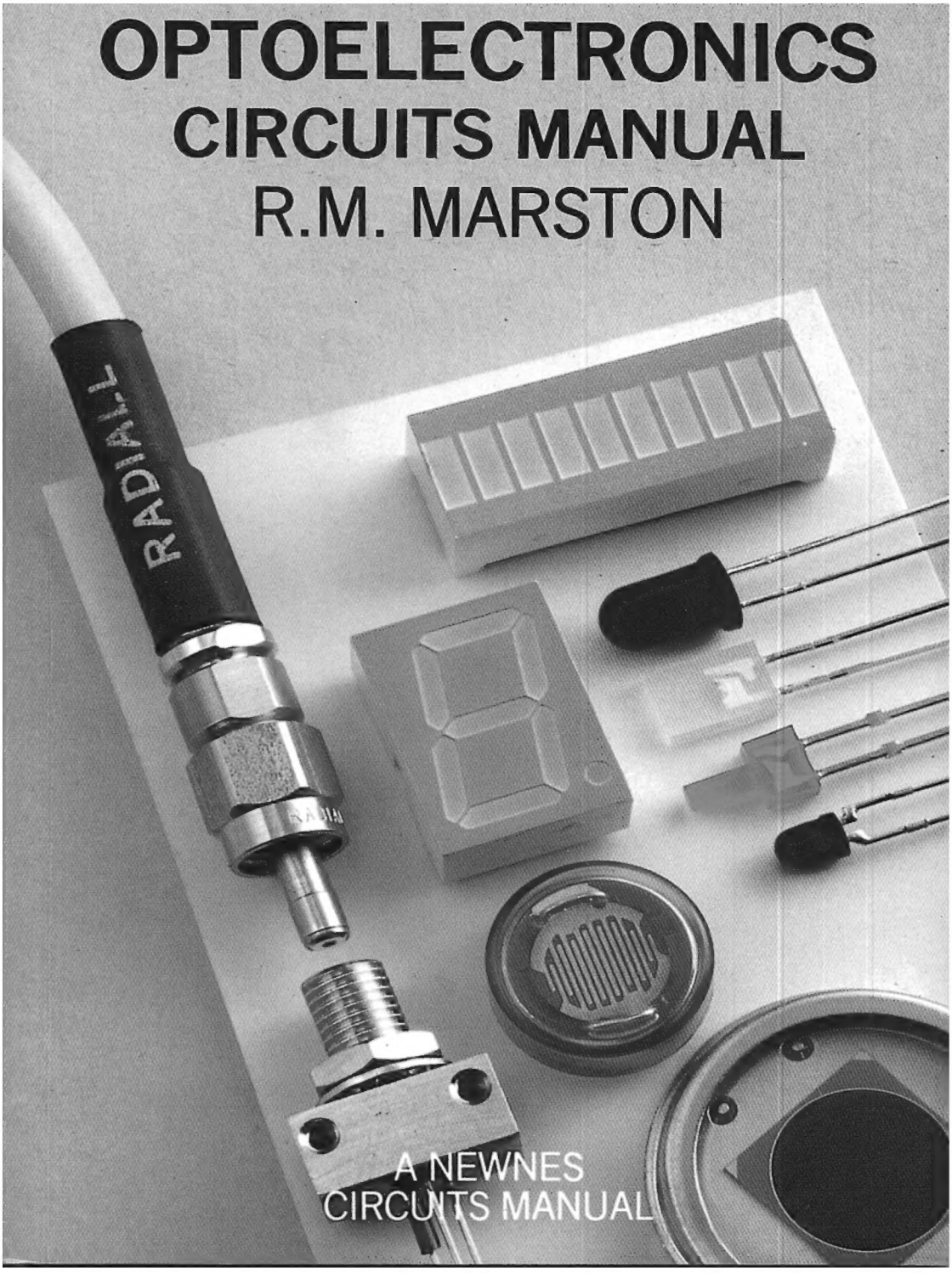

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Optoelectronics is the study of any devices that produce an electrically-induced optical (visible or invisible light) output, or an optically-induced electrical output, and of the electronic techniques and circuitry used for controlling such devices. It is one of the fastest-growing branches of modern electronics and encompasses a wide variety of devices, ranging from simple light bulbs and light-emitting diodes (LEDs) to complete infra-red light-beam alarm and remote control systems.

This new manual is a useful single-volume guide to the optoelectronics device user, and is specifically aimed at the practical design engineer, technician, and experimenter, as well as the electronics student and amateur. It deals with the subject in an easy-to-read, down-to-earth, and non-mathematical yet comprehensive manner, explaining the basic principles and characteristics of the best known devices, and presenting the reader with many practical applications and over 200 circuits. Most of the ICs and other devices used are inexpensive and readily available types, with universally recognised type numbers.

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